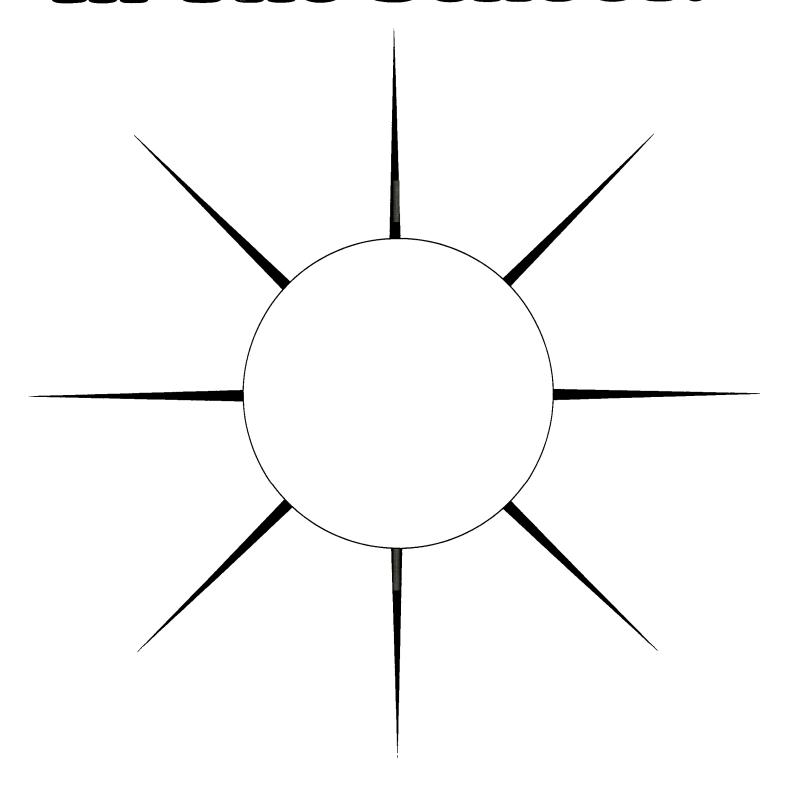
	What does the word system mean to you?	List a few examples of systems that you can think of:	
I			

What Is My Role In The School?



Roles In School

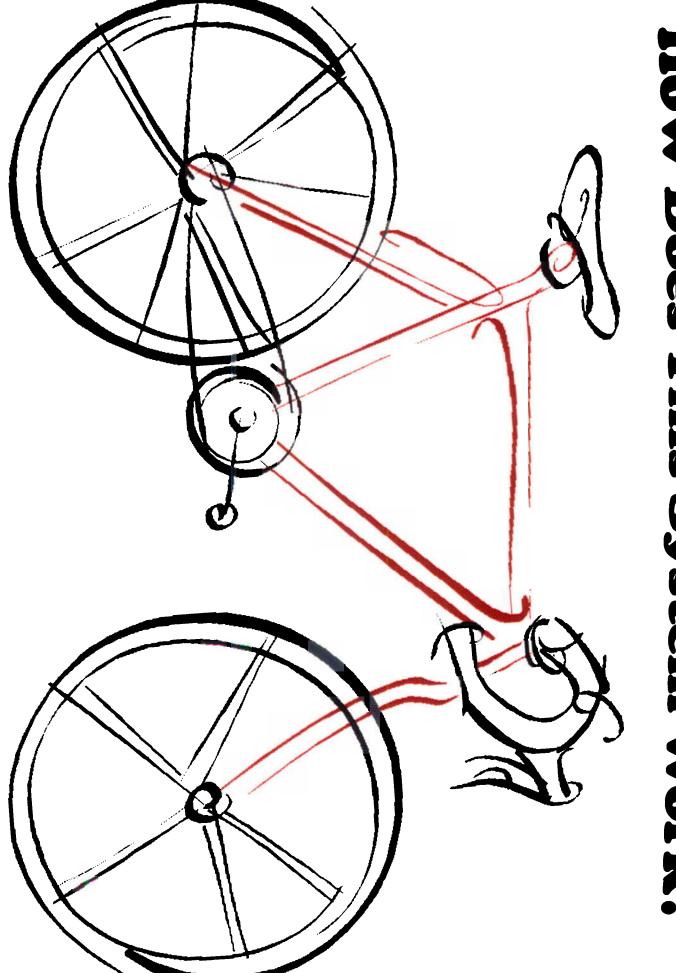
Student		
Teacher		
Principal		
Secretary		
Nurse		
Custodian		
Cafeteria Workers		

Changing The Roles

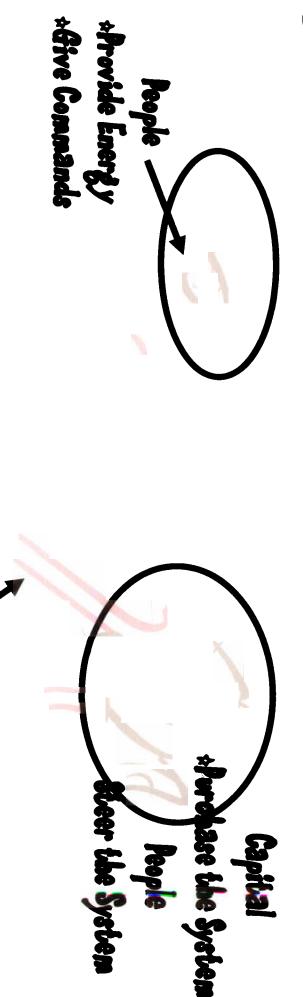
CHALLENGES	Changes in Roles to Respond To
Challenge 1	50% of all students left the district and went to a new school:
Challenge 2	The principal quit and no one was hired to replace the principal:
Challenge 3	The cafeteria workers are on strike and will not go back to work until they see better health benefits:
Challenge 4	It is the beginning of a new school year and the Nurse's primary distributor of supplies went out of business over the summer and will not be able to deliver the necessary supplies:
Challenge 5	The secretary was asked to send an emergency memo to the staff informing of an early dismissal due to accumulating snow. The computer downloaded a virus and cannot send the email:
Challenge 6	The night before someone vandalized the outside of the school building. The custodians being responsible for the inside of the school cleaned up the graffiti. The regular custodial chores were not completed during the day:
Challenge 7	A prankster in the school went around to various classrooms and took all the chalk. The teachers now have nothing to write with on the chalkboards:

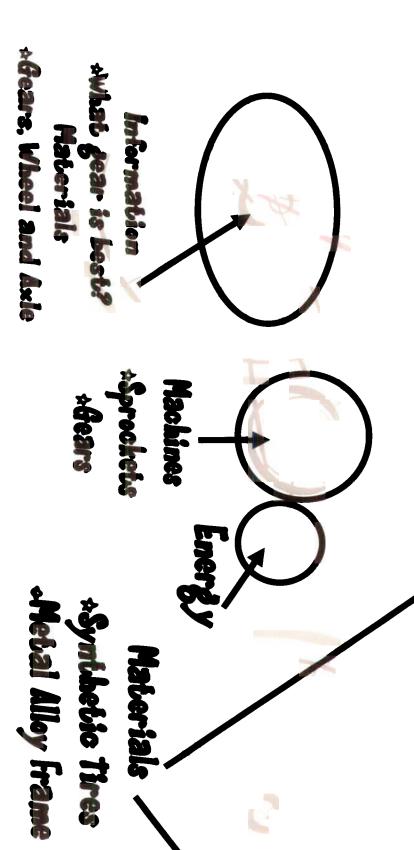
Activity Sheet #3 SYSTEMS: examples GOAL: examples NATURAL SYSTEMS: TECHNOLOGICAL SYSTEMS: _____examples SUB-SYSTEMS: examples

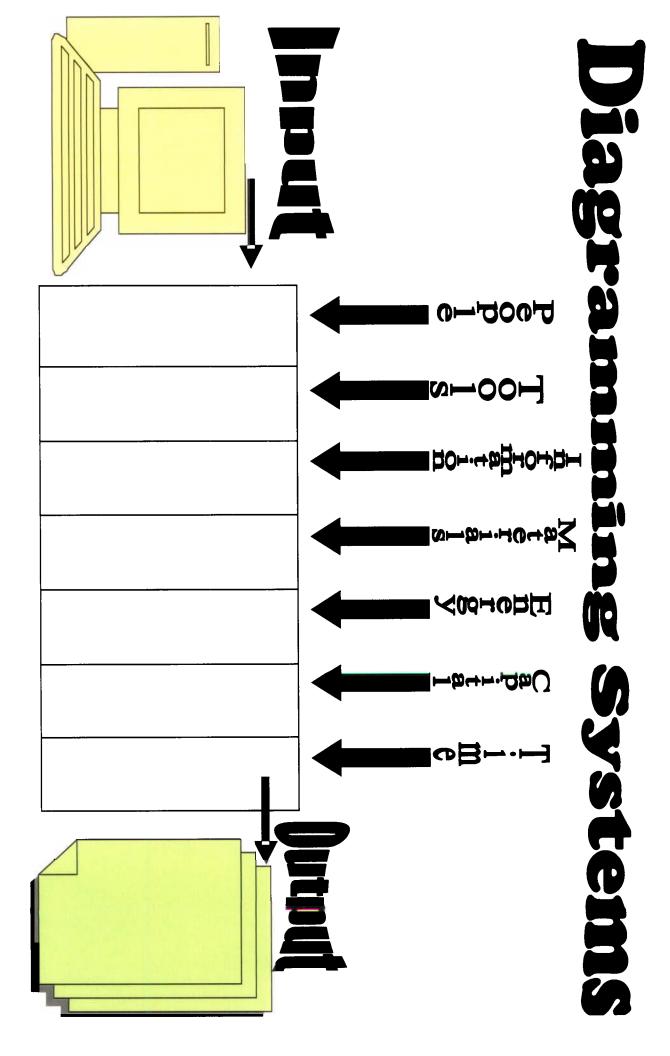
How Does This System Work?



How Does This System Work?







Type a letter to your teacher with new software

Print and hand in letter

letter into computer Provide energy to type erboard Computer, printer, mothtype a letter in Selecting program to brinter, paper Keyboard, cpu, monitor, cal energy Mechanical and electriware, etc... Purchase computer, softcan be written

900万 M-00H Z4+04-44-8 正位の上のなど

Print and hand in letter



Universal Systems Mod



Resources put into system the

> Combines Resources

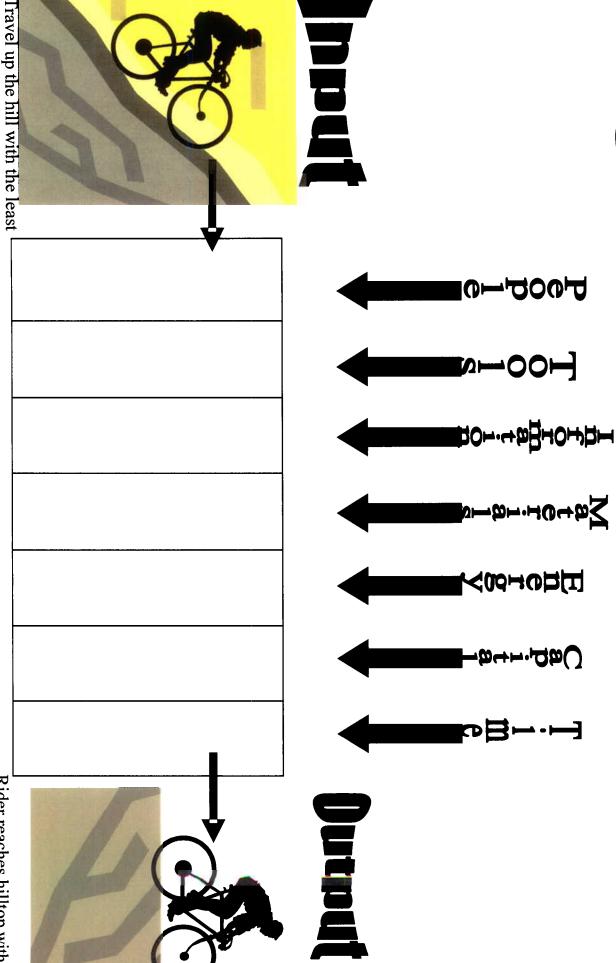
People
Energy
Time
Tools
Information
Capital

Materials

from the comes What

System
Education
Veggies
Shoes

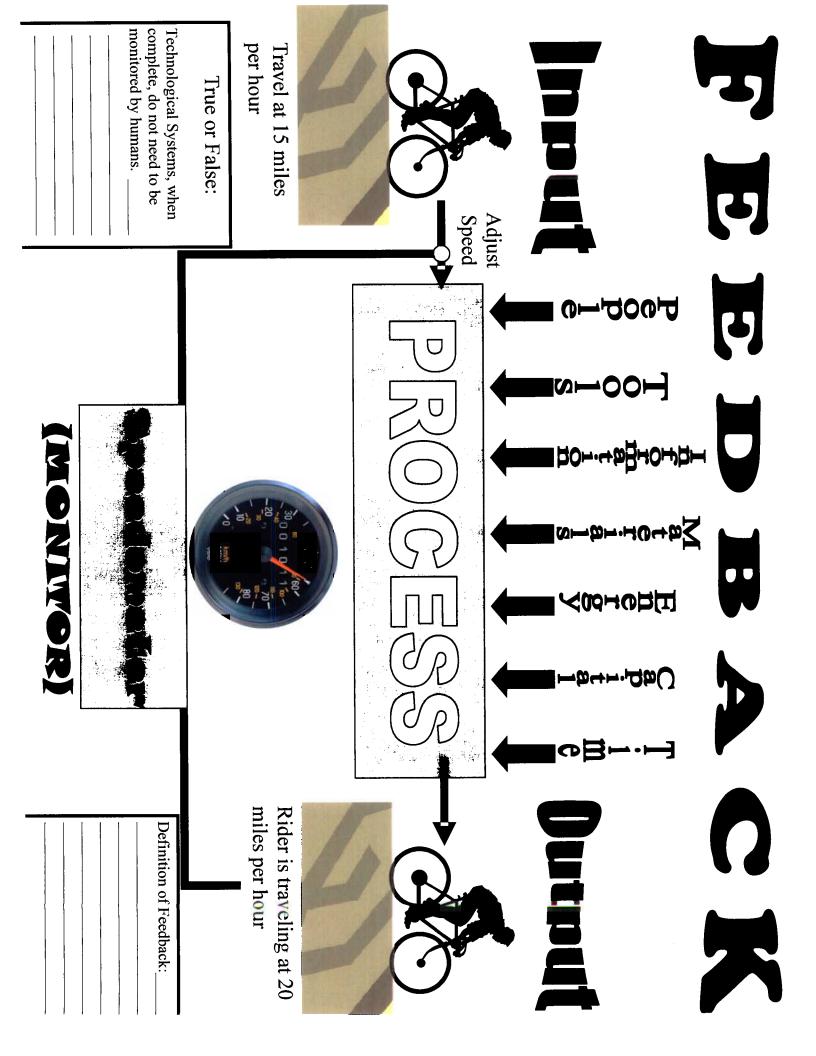
Diagram g Systems



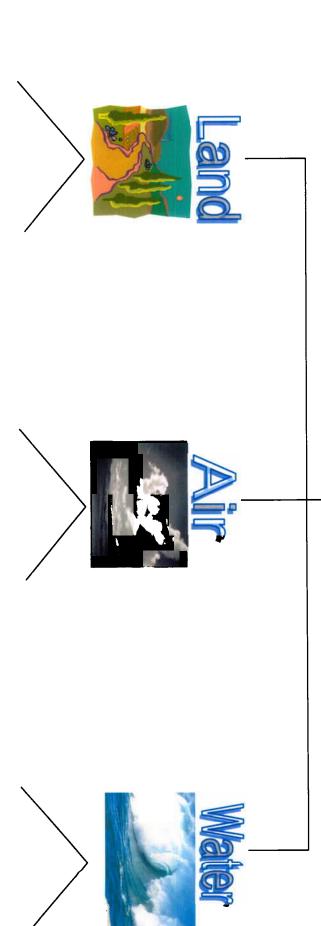
Rider reaches hilltop with least amount of energy exerted

amount of energy exerted

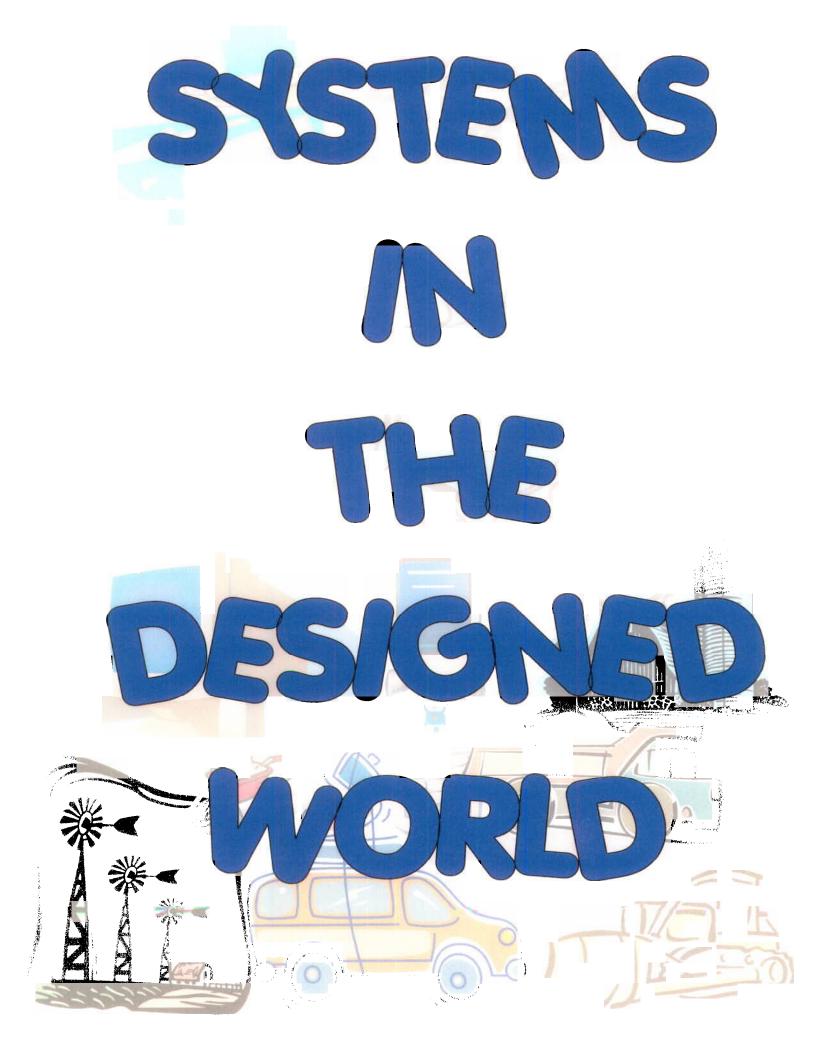
amount of resistance and least



RANSPORTATION SYSTE



The transportation system can be broken down intoland, air and water. What subsystems exist in each of the three branches? List and draw/sketch an image for each.



Systems to Choose From

Managar	Needles	Stethoscope	Blood Pressure Measurer				
MEDICAL	Scale and Height Measurer	911 Dispatcher	Intensive Care Unit				
	Irrigation System	Tractors/Plows	Mechanical Reaper				
AGRICULTURAL	Planters	Planters Combines					
ENTER CITY AND BOWER	Power lines	Power Plants	Light bulbs				
ENERGY AND POWER	Thermostat	Engine	Air Conditioner				
COMPANION	Telephone/Cell Phone	Fax Machine	Computer				
COMMUNICATION	Mail (US Postal Service) Internet		Morse Code				
	Automobile Airplanes		Ships/Boats				
TRANSPORTATION	Trains	Rollerblades/Skates	Skateboards				
	Scooters	ATV (All Terrain Vehicle)	Hot Air Balloon				
MANUFACTURING	Assembly Line	Robots	Logging				
MANUFACTURING	Cotton Gin	Printing Press	Coal Mining				
CONSTRUCTION	Cranes	Dump Trucks	Cement Truck				
CONSTRUCTION	Jackhammers	Drills	Circular Saws				
TOD 2 CHOICES	1.	2.	3.				
TOP 3 CHOICES:							

How Does This System Work?

History of System

What system are ye	ou researching:			
How did the syster	n first come about? _			
Did someone set of	ut to make it or did ar	n accident of sort	s inspire the system?	
TT 1 1	19.1.4	1 0 (1771)	2.19 - 1	
	es did the system dev			
•	s it changed? If not,			
			· · · · · · · · · · · · · · · · · · ·	

History of System

What caused changes in the system over time?		
How did the system in question change the way people behave?		
		··
What is the aconomic impact of the system?		
What is the economic impact of the system?		
	···	

The System's TimeS

Date

Volume XCV, NO. 44

Price:

MAIN HEADING

SUB HEADING

article





article continued

IN THIS WEEK'S NEWS

Final Project Selection

Poster: Create a poster depicting the advances in your system over time. A timeline complete with pictures, names, and headlines would be appropriate for this poster. You should include the following additional items:

- Inventor of the system;
- Changes in system over time;
- Economic impact system had on the society;
- Explaination of how the system works today (large picture/sketch with labels); and
- How you think the system will change in the future?

Presentation: Using presentation software, create a 10-15 slide presentation that discusses the system, its components, the advances through history, and the economic impact of the system. Sample outline:

- Title and Table of Contents;
- Description of System,
- Description of System Components (subsystems);
- The inventor and the inspiration for the system;
- 3—4 slides on the history of the system through the years to present day;
- Explain how the system has changed and the economic impact it had/has on society; and
- Predict and justify how the system in the future may change.

Research Paper: Using word processing software create a research paper five to ten pages in length describing the system. Include in your research paper, the following information:

- Description of system;
- Description of system components (subsystems);
- The inventor and the inspiration for the system;
- The history of the system through years to present day;
- Explanation as to why the system changed;

- The economic impact the system has on society; and
- Your Opinion: Do you foresee the system changing in the future, why or why not?

		DearToday in			DearToday in
(your name)	Sincerely,	I learned about	(your name)	Sincerely,	I learned about
		Dear Today in			DearToday in
(your name)	Sincerely,	I learned about	(your name)	Sincerely,	I learned about